



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

43/M2634  
ANDY D  
5-7-04

In re application of : Confirmation No. 3378  
Mitsuaki OSHIMA et al. : Docket No. 2000\_1420  
Serial No. 09/686,467 : Group Art Unit 2634  
Filed October 12, 2000 : Examiner A. Le  
COMMUNICATION SYSTEM :

RECEIVED

MAY 05 2004

Technology Center 2600

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

In response to the Office Action mailed February 6, 2004, please amend the above-identified application as follows.

IN THE CLAIMS:

**Please cancel claims 30-37 without prejudice or disclaimer to the subject matter therein. Please add claims 38-41 as follows:**

38. A signal transmission apparatus comprising:  
- a modulator operable to modulate a carrier wave with an input signal to produce a modulated signal, and  
- a transmitter operable to transmit the modulated signal,  
said input signal containing a first data stream including g values of bit patterns and a second data stream, where g is an integer number, and

*D1  
WNT*